

4016.3004 US1

10/806,915

**FIRST NAMED APPLICANT**

## Francis Louisa Titus

**FILING DATE**

**March 23, 2004**

CONFIRMATION NO.

4427

**GROUP**

1632

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

**July 18, 2005**

(Use several sheets if necessary)

PATENT & TRADEMARK

## U.S. PATENT DOCUMENTS

[illegible]

**EXAMINER**

/Celine Qian/

DATE CONSIDERED

10/23/2007

**ATTORNEY DOCKET NO.**

APPLICATION NO.

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## U.S. COPENDING APPLICATIONS

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

/C.Q./	AR	Fujihara, S., <i>et al.</i> , "Inhibition of NF- $\kappa$ B by a Cell Permeable Form of I $\kappa$ B $\alpha$ induces apoptosis in eosinophils, <i>BBRC</i> , 326:632-637 (2005).
	AS	Porter, T., <i>et al.</i> , "Biomolecules in Tissue Engineered Medical Products (TEMPs): A Case Study of Recombinant Human Bone Morphogenetic Protein-2 (rhBMP-2), <i>Journal of ASTM International</i> , January 2004, 1(1):1-21.
	AT	Boden, <i>et al.</i> , "Adenoviral Delivery of LMP-1 Induces Consistent Spine Fusion," 47 <sup>th</sup> Annual Meeting, <i>Orthopaedic Research Society</i> , San Francisco, California (2001)
	AU	Nagahara, <i>et al.</i> , "Transduction of full-length TAT fusion proteins into mammalian Cells: TAT-p27 <sup>Kip1</sup> Induces Cell Migration, <i>Nature Medicine</i> , 4(12):1449-1452 (1998)
	AV	Southern, <i>et al.</i> , "Detection of Specific Sequences Among DNA Fragments Separated by Gel Electrophoresis," <i>J. Mol. Biol.</i> , 98:503-517 (1975)
	AW	Alwine, <i>et al.</i> , "Detection of Specific RNAs or Specific Fragments of DNA by Fractionation in Gels and Transfer to Diazobenzyloxymethyl Paper," <i>Meth. Enzymol.</i> , 68:220-242 (1979)
	AX	Sambrook, <i>et al.</i> , "Extraction of RNA with Guanidinium Thiocyanate Followed by Centrifugation in Cesium Chloride Solutions," <i>Molecular Cloning: A Laboratory Manual</i> , 2 <sup>nd</sup> ed., <i>Cold Spring Harbor Press</i> , 7.19-7.50 (1989)
	AY	Heldin, <i>et al.</i> , "TGF- $\beta$ Signalling from Cell Membrane to Nucleus through SMAD Proteins," <i>Nature</i> , 390:465-471 (1997)
	AZ	Lin, <i>et al.</i> , "Inhibition of Nuclear Translocation of Transcription Factor NF- $\kappa$ B by a Synthetic Peptide Containing a Cell Membrane-permeable Motif and Nuclear Localization Sequence," <i>J. Biol. Chem.</i> , 270(24):14255-14258 (1995)
	AR2	Rojas, <i>et al.</i> , "Genetic engineering of proteins with membrane permeability," <i>Nat. Biotech.</i> , 16:370-375 (1998)
	AS2	Fawell <i>et al.</i> , "Tat-mediated delivery of heterologous proteins into cells," <i>Proc. Natl. Acad. Sci. USA</i> , 91:664-668 (1994)
	AT2	Schwarze, <i>et al.</i> , "Protein Transduction: Unrestricted Delivery into all Cells," <i>Trends in Cell Biology</i> , 10:290-305 (2000)
	AU2	Jiang, <i>et al.</i> , "Pluripotency of Mesenchymal Stem Cells Derived from Adult Marrow," <i>Nature</i> , 418:41-49 (2002)
✓	AV2	Viggeswarapu, <i>et al.</i> , "Adenoviral Delivery of LIM Mineralization Protein-1 Induces New-Bone Formation <i>In Vitro</i> and <i>In Vivo</i> ," <i>J. Bone Joint Surg.</i> , 83(3):364-376 (2001)

EXAMINER

Celine Qian

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PUBLISHED APPLICATION**

Sheet 1 of 1

**COMPLETE IF KNOWN**

Application Number	10/806,915
Filing Date	March 23, 2004
First Named Inventor	TITUS, Frances
Art Unit	1636
Examiner Name	QIAN, Celine X.
Attorney Docket Number	4240-131

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
IC.Q./	AA	Xiaoqing Guo, et al., "Transduction of Functionally Active TAT Fusion Proteins into Cornea," <i>Experimental Eye Research</i> , Vol. 78, Pages 997-1005 (2004).	
	AB	Michelle Becker-Hapak, et al., "TAT-Mediated Protein Transduction into Mammalian Cells," <i>Methods</i> , Vol. 24, Pages 247-256 (2001).	
	AC	Jeffrey L. Wrana, "Crossing Smads," <i>Science's Stake</i> , Vol. 23, Pages 1-9 (2000).	
	AD	Kristin A. Waite, "From Developmental Disorder to Heritable Cancer: It's All in the BMP/TGF- $\beta$ Family," <i>Nature Reviews</i> , Vol. 4, Pages 763-773 (2003).	
	AE	Rik Derynck, et al., "Smad-dependent and Smad-independent Pathways in TGF- $\beta$ Family Signalling," <i>Nature</i> , Vol. 425, Pages 577-584 (2003).	
	AF	Patricia Ducy, et al., "The Family of Bone Morphogenetic Proteins," <i>Kidney International</i> , Vol. 57, Pages 2207-2214 (2000).	
	AG	Douglas Hanahan, et al., "The Hallmarks of Cancer," <i>Cell</i> , Vol. 100, Pages 57-70 (2000).	

Examiner signature	Celine Qian	<small>Digitally signed by Celine Qian DN: cn=Celine Qian, c=US, o=USPTO, ou=1636, email=celine.qian@uspto.gov Date: 2007.10.23 17:06:24 -04'00'</small>	Date Considered	
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\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

<sup>2</sup> Applicant is to place a check mark here if English Translation is attached. All the foreign patents and publications that are not written in English language are accompanied by their respective English abstracts, which constitute concise explanation of relevance of the non-English patents and publications that satisfy the requirements of 37 C.F.R. §1.98(a)(3)(i), according to MPEP 609 III A(3).